

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: November 17, 2005

Inspector: Brian Sakidovitch

Location: 115 kV Underground Route

Storm/

Rain Event: Approximately 0.54- 1.02" of rain fell over 11/16-11/17 as reported by NOAA.

Areas of Inspection	Observation	Recommended Action
Vault Openings and Trench Construction	- Bethel Educational Park: Work here is complete for the time being and silt fence was pulled from the northern portion of the ROW. 11/17/05	-See erosion control section for specifics. 11/17/05
Hoyts Hill Transition Structure	-The area was mulched and seeded along either side of the access drive into the structure and erosion controls were pulled here. 11/17/05	- None at this time. 11/17/05
Gallows Hill Road and Rt. 107, Redding	-Work was noted within the vault at #116 Gallows Hill. 11/17/05 - Cable pulling and ductwork are ongoing. 11/17/05 - Work was ongoing to bring the street to permanent grade and pavement along Rt. 107. 11/17/05 - Storage areas along the roadway remain in use. 11/17/05	-None at this time. 11/17/05 - No issues were present. See erosion control section. 11/17/05 - See additional sections for more information. 11/17/05
Rt. 58, Bethel	- Crews continue work along Rt. 58, bringing the roadway to final grade in several locations. Cable pulling and ductwork is ongoing. 11/17/05	- See additional sections for more information. 11/17/05

Areas of Inspection	Observation	Recommended Action
Broad Street/ROW, Norwalk	- The jack and bore under the railroad on Broad St. is being brought to grade with sidewalk installation occurring. 11/17/05 - Grading is occurring along the ROW is occurring in preparation for construction of the bike path. 11/17/05	-Activities were fairly well contained here. See additional sections for more information. 10/12-11/10/05 - Grading is ongoing at this time. 11/10/05
Broad Street/ROW, Norwalk	-Pavers are being restored along the Broad St shoulder under the overpass and curbing is being re-constructed. 11/17/05	- Perform restoration measures along Broad St. when feasible when work here is complete. 11/10/05
Rt. 7, Norwalk	- Trenchwork along Rt. 7 is essentially complete. 11/17/05 - Controls at the Merritt cloverleaf concrete washout were still well in place. 11/17/05	-None at this time. 11/17/05 -See erosion control and storage sections for additional information. 11/17/05
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	- Silt fence is being removed from most areas as the street work is largely complete. Fence should be removed if the adjacent area has not been disturbed or if it has been seeded and mulched. 10/27-11/17/05	- If the road grade work causes further disturbance, the area must be restored with additional mulch. 10/27-11/17/05
Bethel Educational Park	- Silt fence has been pulled along the northern ROW edge due to good grass growth here. 11/17/05 - A small washout was also noted along the southern ROW access drive with some sedimentation beginning to run over the silt fence. 11/10-11/17/05 - The slope at the southern end of the ROW remains stable with very minor erosion even following rains. 11/17/05	-None at this time. 11/17/05 - The silt fence needs repair and the gully could be placed with stone if not already done so. 11/10-11/17/05 - If necessary, place mulch and seed or less preferable, stone along the slope to further stabilize. 11/17/05
Hoyts Hill Riser Transition Structure (Off Rt. 58)	- Erosion controls have been removed from most areas but the sides of the access drive are well mulched or revegetated. 11/17/05	- The area appears to be mostly stable at this time. 11/17/05

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Route 58	- Most catch basins near the work areas are being consistently placed with either haybales or fabric and are well protected. 11/17/05	In general, contain slurry or mobile sediment to work areas and street sweep the road extent including the gutters, regularly and maintain controls on all catch basins and inlets. 11/17/05
	- Restoration along the roadway was noted in a number of locations. The slope adjacent to vault #8 (Lois Lane) could use seed and mulch. 11/17/05	- Repair any areas of damaged silt fence or restore the edge of roadway with seed/mulch and remove the fence. 11/17/05
Gallows Hill Road	- Erosion controls have been removed from the stream at Sara's Way but grass is growing well along the slopes and haybales remain across the outlet swale. 11/17/05	- Continue to monitor for complete restoration along the banks but the area is mostly stable. 11/17/05
	- Silt fence should be retained at the stream and at the Putnam Park storage area near the pond as the yard is still being used occasionally. 10/27-11/17/05	- None at this time. 11/17/05
	-The Sunset Hill Rd. storage area could use some silt fence maintenance. 11/10-11/17/05	- Pull trench boxes back from the fence and repair near the stockpile. 11/17/05
Rt. 107 (Lonetown Rd)	-The roadway and adjacent work areas are largely stabilized. 11/17/05	- None at this time 11/17/05
	-Silt fence has been removed from along the road near the Redding Country Club as the area appears stabilized. 11/17/05	-In general, monitor road work and make sure no soil is stockpiled. Restore the roadside if equipment causes disturbance during this phase. 10/19-11/17/05
	- Active roadway repair work was ongoing. Catch basins appeared to be protected. 11/17/05	
	- It has to be confirmed whether materials were still noted near Lois Lane. The bank cut area here should be restored with seed and mulch. 10/5-11/17/05	- None at this time but restore when work is complete. 10/5-11/17/05

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Broad Street and ROW, Norwalk	- The silt fence is well installed along most of the ROW and grading in preparation for the construction of the bike path was ongoing. 11/17/05	- Continue to maintain silt fence where needed. 11/17/05
	- Curbing and sidewalk installation was occurring along the roadway here. Restore any remaining areas with seed and mulch. 11/17/05	-None at this time. Trenching activities are complete here. 11/17/05
	- Catch basins remain protected in the vicinity of the railroad at the sidewalk repair. 11/17/05	- The area is still contained. None at this time. 11/17/05
Rt. 7, Norwalk	-Trenchwork is largely complete. 11/17/05	- Continue to sweep up leftover sediments as part of "good housekeeping". 11/17/05
	Booms at Norwalk Junction were removed as recommended. 10/27-11/17/05	- None at this time. 11/17/05
	- Merritt Cloverleaf concrete washout area controls were still well in place. With Rt. 7 work done, this area has limited remaining use from this project. 11/17/05	- None at this time. Keep controls maintained if it will still be used. 11/17/05
Contaminated Soils	-Soil disposal is no longer a major component of the project as most areas of trench work are completed. Clean process was brought in to bring roadways to grade. All remaining soil work is still being handled as approved. 11/7/05	- All soils appear to be handled appropriately. 11/17/05
Adjacent Wetlands and Waterways	-The stream near Sara's Way off Rt. 58 remains clear and banks are free from erosion. 11/17/05	- None at this time. Continue to monitor for final vegetative stabilization. 11/17/05
Staging, Storage, and Parking Areas	-The controls at the concrete washout near the Merritt cloverleaf remain well installed with no leaks were noted. 11/17/05	- This area looks very well contained. (This washout area is also used for other O&G projects). Continue to monitor and maintain if used any further for this project 11/17/05
	- The Redding Yard has very	- This area is not as highly

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	<p>limited use from this project any longer but controls remain in good shape. 11/17/05</p> <p>- At the storage area off Rt. 58 near the Putnam Park entrance, controls remain in good shape and the area has limited use. 11/17/05</p> <p>- The silt fence at Sunset Hill Rd. storage yard could use some maintenance as trench boxes have been placed too close. The area across from the country club could also use some repair. 11/10-11/17/05</p>	<p>used as it was previously in the project but is still under good maintenance. 11/17/05</p> <p>-Retain the silt fence here due to the proximity of the pond. 11/17/05</p> <p>- Maintain fence as long as the areas are being used but it can be pulled if the storage areas are mulched/restored. 10/27-11/17/05</p>
State species of concern, threatened and endangered species	- No species of concern are located in the areas of construction.	- N/A
Vegetative clearing limits (including trees to save or danger trees noted)	- Mulching of bare areas is ongoing and good restoration and grass re-growth is noted in a number of locations. When the areas are mulched and seeded, silt fence is being removed. 11/17/05	- The D&M plan requires that disturbed areas to be left for more than 21-30 days before work returns here should be temporarily stabilized with mulch or seed within 7-14 days.
Dewatering	<p>- Dewatering discharge along the route from the O&G work is being directed to frac trucks or tanks due to concerns about the polluted soils. 7/21-11/17/05</p> <p>-Dewatering is usually only needed near duct proofing activities now that most trench work is complete. Dewatering from any work conducted by Mass Electric/Kiewit is directed back to the ground through controls. 10/27-11/17/05</p>	- It appears that the storage and disposal solution will continue due to concerns about the background pollutants in soils, even in those not considered contaminated. 7/21-11/17/05
Blasting	- No blasting is occurring in any areas at this time.	- None at this time.

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Spills and Material Storage	<ul style="list-style-type: none">- A report of any leaks or spills that reach the ground and occur during the week should be provided to BSC from internal project inspectors 6/15-11/17/05- In general catch basins, inlets and swales should continue to consistently be protected especially in any area with sawcutting activities. Efforts have been good at this point. 11/17/05- Absorbent booms have been removed from the Norwalk Junction site. 11/17/05	<ul style="list-style-type: none">- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. Check equipment status on a regular basis and keep spill kits on hand. Report spills immediately, even if they are being controlled.- The contractors should remain vigilant about securing and handling fuel and material containers.- Equipment and materials should not be stored in wooded areas unless it is designated for storage.

Next likely scheduled inspection:

Wednesday, November 23, 2005

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature: Diana Walden for Brian Sakidovitch



115kV (Broad Street): View of the edge of roadway restoration with installation of curbing following the trenching activities here. Pavers are being put back into place under the overpass. 11/17/05



115kV (Broad St. and ROW): View of the ROW with grading ongoing in preparation for the installation of the bike path in this area. 11/17/05



115kV (Railroad Jack and Bore). View of the remaining work in the vicinity of the J&B on Broad St. Sidewalk was being restored and excavation areas were brought to grade. 11/17/05



115kV (Rt 58). View of restoration efforts typical along the roadway with seed and straw mulch. 11/17/05



115kV: (Rt. 58) View of the storage yard at Sunset Hill Rd. Silt fence here could use some repair adjacent to the stockpile. (Photo from 11/17/05)



115kV: (Rt. 58/Sara's Way). The slopes adjacent to the stream have experienced good establishment of grass and silt fence was removed as a result. Haybale check dams remain across the outlet swale to the stream. 11/17/05



115kV (Hoyts Hill Transition Structure): Both photos show either side of the access drive leading to the transition structure. The areas have either been mulched or revegetation and silt fence was removed. (11/17/05)



115kV (Bethel Ed. Park): Photo shows the northern portion of the ROW where the grass is growing in well and silt fence has been removed as a result. 11/17/05